

I claim:

1 1. An improvement in a cloaked RFID tag 10 having an antenna comprising:
2 a switch;
3 a logic circuit coupled to said switch to selectively allow communication of
4 signals through said antenna during normal operation to allow output of a signal from
5 said RFID tag through said antenna and to disable the output from said RFID during a
6 cloaking period; and
7 a receiving connection to said RFID tag so that command signals are
8 continuously receivable notwithstanding cloaking of said RFID tag.

1 2. The improvement of claim 1 wherein said RFID tag includes an input circuit
2 and wherein said receiving connection is an electrical connection between said antenna
3 and said input circuit which is not interrupted by operation of said switch.

1 3. The improvement of claim 2 wherein said electrical connection comprises
2 a diode coupled between said antenna and said input circuit.

1 4. The improvement of claim 1 wherein said switch is a grounding switch
2 coupled between said antenna and ground.

1 5. The improvement of claim 1 wherein said switch communicates signals
2 through said antenna by selectively grounding said antenna according to said signals
3 during said normal operation.

1 6. The improvement of claim 1 wherein said logic circuit couples signals to said
2 switch to ground said antenna during said normal operation and isolates signals from
3 said switch during said cloaking operation.

1 7. The improvement of claim 5 wherein said logic circuit couples signals to
2 said switch to ground said antenna during said normal operation and isolates signals
3 from said switch during said cloaking operation.

1 8. The improvement of claim 1 further comprising supplying power through
2 said antenna to said RFID circuit during said cloaking operation.

1 9. The improvement of claim 1 wherein said switch is a switching transistor.

1 10. An RFID tag comprising:

2 an antenna;

3 an input circuit coupled to said antenna;

4 a switch controlling said antenna;

5 a logic circuit coupled to said switch to selectively allow communication of

6 signals through said antenna during normal operation to allow output of a signal from

7 said RFID tag through said antenna and to disable the output from said RFID during a

8 cloaking period; and

9 a receiving connection to said RFID tag so that command signals are

10 continuously receivable through said antenna by said input circuit notwithstanding

11 cloaking of said RFID tag.

1 11. The RFID tag of claim 10 wherein said receiving connection is an electrical

2 connection between said antenna and said input circuit which is not interrupted by

3 operation of said switch.

1 12. The RFID tag of claim 11 wherein said electrical connection comprises a
2 diode coupled between said antenna and said input circuit.

1 13. The RFID tag of claim 10 wherein said switch is a grounding switch
2 coupled between said antenna and ground.

1 14. The RFID tag of claim 10 wherein said switch communicates signals
2 through said antenna by selectively grounding said antenna according to said signals
3 during said normal operation.

1 15. The RFID tag of claim 10 wherein said logic circuit couples signals to said
2 switch to ground said antenna during said normal operation and isolates signals from
3 said switch during said cloaking operation.

1 16. The RFID tag of claim 14 wherein said logic circuit couples signals to said
2 switch to ground said antenna during said normal operation and isolates signals from
3 said switch during said cloaking operation.

1 17. The RFID tag of claim 10 further comprising a power connection for
2 supplying power through said antenna to said RFID circuit during said cloaking
3 operation.

1 18. The RFID tag of claim 10 wherein said switch is a switching transistor.

2 19. An improvement in a method of controlling a cloakable RFID tag
3 comprising:
4 disabling communication of data signals from said RFID tag through said
5 antenna coupled to said RFID tag during cloaking of said RFID tag; and
6 receiving command signals by said RFID tag through said antenna during said
7 cloaking operation.

1 20. The improvement of claim 19 wherein receiving command signals by said
2 RFID tag through said antenna during said cloaking operation couples said command
3 signals through an electrical connection between said antenna and an input circuit
4 which is not interrupted by operation of said switch.

1 21. The improvement of claim 20 wherein coupling said command signals
2 through an electrical connection between said antenna and said input circuit comprises
3 coupling said command signals through a diode coupled between said antenna and
4 said input circuit.

1 22. The improvement of claim 19 further comprising communicating data
2 signals from said RFID tag through said antenna by selectively grounding said antenna
3 through a switch coupled between said antenna and ground during normal operation.

1 23. The improvement of claim 22 further comprising disabling communication
2 of data signals from said RFID tag through said antenna by selectively isolating said
3 data signals from said switch coupled between said antenna and ground during
4 cloaking operation.

1 24. The improvement of claim 19 further comprising supplying power through
2 said antenna to said RFID circuit during said cloaking operation.